

: 15.02.2017

: 11.02.2017

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PZ335

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IVM Chemicals Srl  
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Environmental Health and safety office  
hseoffice@ivmchemicals.com

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8.30 17.30 0039 038 425 441

: 0039 0384 254491

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· 2.1

( ) 1272/2008



Flam. Liq. 2 H225



STOT RE 2 H373



Skin Irrit. 2 H315

Eye Irrit. 2 H319

STOT SE 3 H336

· 2.2

(EC) 1272/2008

(CLP).



GHS02



GHS07



GHS08

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**PZ335**

n-butyl acetate  
xylene

H225  
H315  
H319  
H336  
H373

P210 / / /

P241 /

P303+P361+P353 ( ):

P305+P351+P338 :

P405  
P501 /

2.3

PBT ( )

vPvB

PBT:  
vPvB:

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CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29-XXXX	n-butyl acetate Flam. Liq. 3, H226 STOT SE 3, H336	25-29,99%
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32-XXXX	xylene Flam. Liq. 3, H226 STOT RE 2, H373; Asp. Tox. 1, H304 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	10-14,99%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29-XXXX	2-methoxy-1-methylethyl acetate Flam. Liq. 3, H226	2,5-4,99%
CAS: 100-41-4 EINECS: 202-849-4 Reg.nr.: 01-2119488216-32-XXXX	ethylbenzene Flam. Liq. 2, H225 STOT RE 2, H373; Asp. Tox. 1, H304 Acute Tox. 4, H332	2,5-4,99%

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**8.1**

<b>123-86-4 n-butyl acetate</b>	
PDK	: 200 /m <sup>3</sup> : 50 /m <sup>3</sup>
<b>1330-20-7 xylene</b>	
PDK	: 150 /m <sup>3</sup> : 50 /m <sup>3</sup>
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>	
PDK	: 10 /m <sup>3</sup>
<b>100-41-4 ethylbenzene</b>	
PDK	: 150 /m <sup>3</sup> : 50 /m <sup>3</sup>

**DNEL**

<b>123-86-4 n-butyl acetate</b>		
( )	DNEL acuto/agudo/ostre/aigu/acute/akut	960 /mc ( )
	DNEL	859,7 /mc (popolazione) 480 /mc ( ) 102,34 /mc (popolazione)
<b>1330-20-7 xylene</b>		
( )	DNEL acuto/agudo/ostre/aigu/acute/akut	289 /mc ( )
	DNEL	77 /mc ( )
	DNEL	180 / b w / d ( )
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>		
( )	DNEL	275 /mc ( )
	DNEL	153,5 / b w / d ( )
<b>100-41-4 ethylbenzene</b>		
( )	DNEL acuto/agudo/ostre/aigu/acute/akut	293 /mc ( )
	DNEL	77 /mc ( )
	DNEL	180 / b w / d ( )

**PNEC**

<b>123-86-4 n-butyl acetate</b>	
PNEC Acqua dolce/water/woda sjoodka/eau/agua	0,18 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	0,0903 / ( )

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<b>1330-20-7 xylene</b>	
PNEC Acqua dolce/water/woda słodka/eau/agua	0,327 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	2,31 / ( )
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>	
PNEC Acqua dolce/water/woda słodka/eau/agua	0,635 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	0,29 / ( )
<b>100-41-4 ethylbenzene</b>	
PNEC Acqua dolce/water/woda słodka/eau/agua	0,1 /L ( )
PNEC Suolo/earth/suelo/sol/gleba/	2,68 / ( )

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EN 374

89/686/

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*pH:*

124 °C

22 °C

315 °C

1,0 %  
10,8 %

20 °C: 10,7

20 °C: 0,995 /cm<sup>3</sup>

(n- /

20 °C: 25 s (ISO 6 mm)

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		+	
VOC (EC)		44,95 %	
		447,2 /	
9.2		55,1 %	

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LD/LC50 ( / ),		
<b>123-86-4 n-butyl acetate</b>		
( )	LD50	10760 / (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	14000 / (rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50/4	21,1 / (rat/szczur/mouse/souris/Maus/rat n)
<b>1330-20-7 xylene</b>		
( )	LD50	3523 / (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	1701 / (rabbit/kr lik/Kaninchen/conejo/lapin)
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>		
( )	LD50	8532 / (rat/szczur/mouse/souris/Maus/rat n)
( )	LD50	5001 / (rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50/4	35,7 / (rat/szczur/mouse/souris/Maus/rat n)
<b>100-41-4 ethylbenzene</b>		
( )	LD50	3500 / (rat/szczur/mouse/souris/Maus/rat n)



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( )	LD50	15486 / (rabbit/kr lik/Kaninchen/conejo/lapin)
( )	LC50/4	17,2 / (rat/szczur/mouse/souris/Maus/rat n)

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<b>123-86-4 n-butyl acetate</b>	
EC50	648 / ( ) (72 .)
	44 / (daphnia) (48 .)
LC50 (96 .)	18 / ( )
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>	
EC50	1001 / ( ) (72 .)
	501 / (daphnia) (48 .)
LC50 (96 .)	134 / ( )
<b>100-41-4 ethylbenzene</b>	
EC50	75 / (daphnia) (48 .)

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) vPvB ( PBT ( ) )

· PBT:

· vPvB:

· 12.6

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**14**

· **14.1 UN**  
· ADR, IMDG, IATA UN1263

· **14.2**  
· ADR UN1263  
· IMDG, IATA PAINT

· **14.3**  
· ADR, IMDG, IATA



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· 3

· **14.4**  
· ADR, IMDG, IATA III

· **14.5** :  
· :

· **14.6** :  
· ( ): -  
· EMS: F-E, S-E  
· Stowage Category A

· **14.7** II  
MARPOL73/78 ( )  
) IBC Code ( )

· ADR  
· (LQ) 5L : E1  
· (EQ)  
· : 30  
· : 1000  
· 3  
· E

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· **IMDG**

· *Limited quantities (LQ)*

· *Excepted quantities (EQ)*

5L

Code: E1

Maximum net quantity per inner packaging: 30

Maximum net quantity per outer packaging: 1000

· **UN "Model Regulation":**

UN 1263

, 3, III

**15**

· **15.1**

1907/2006 1272/2008  
2012/18/EU

1: 5000

2: 50000

· **P**

· **15.2**

**16**

H225

H226

H304

H312

H315

H319

H332

H335

H336

H373

: IVM Chemicals Srl

: Carlo Porta

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (REACH)

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*PNEC: Predicted No-Effect Concentration (REACH)*  
*LC50: Lethal concentration, 50 percent*  
*LD50: Lethal dose, 50 percent*  
*PBT: Persistent, Bioaccumulative and Toxic*  
*vPvB: very Persistent and very Bioaccumulative*  
*Flam. Liq. 2: Flammable liquids . Category 2*  
*Flam. Liq. 3: Flammable liquids . Category 3*  
*Acute Tox. 4: Acute toxicity . Category 4*  
*Skin Irrit. 2: Skin corrosion/irritation . Category 2*  
*Eye Irrit. 2: Serious eye damage/eye irritation . Category 2*  
*STOT SE 3: Specific target organ toxicity (single exposure) . Category 3*  
*STOT RE 2: Specific target organ toxicity (repeated exposure) . Category 2*  
*Asp. Tox. 1: Aspiration hazard . Category 1*

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1272/2008/EC

ECHA -

INRS Fiche Toxicologique

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